

CORONARY SINUS LEAD WITH THERMAL SENSOR AND METHOD THEREFOR

Abstract of the Disclosure

5 A lead system is provided including a coronary sinus lead extending from a proximal end to a distal end, where the lead includes at least one thermal sensor, or optionally, a thermistor. The thermal sensor is positionable within a coronary sinus of a heart when the coronary sinus lead is implanted in the heart to measure the temperature of a myocardium. The method includes coupling at least one thermal
10 sensor with the implantable lead, including coupling a first thermal sensor and a second thermal sensor with the lead, placing the implantable lead and at least one thermal sensor within a coronary sinus of a heart and positioning the first thermal sensor within the coronary sinus, and positioning the second thermal sensor within a right atrium of a heart. The method further includes coupling the implantable
15 lead with the implantable electrical stimulation source, and measuring a myocardium temperature.

"Express Mail" mailing label number: EV019094490US

Date of Deposit: March 1, 2002

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to the Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.